

AMENDMENTS TO THE CLAIMS

Claims 1 to 25 (previously cancelled)

Claim 26 (currently amended)

A single stranded oligonucleotide OY ~~comprising~~ having 9 to 42 nucleotides of the sequence 9 to 42 nucleotides of the sequence Y₁.Y₂-Y₃-Y₄-Y₅ wherein Y₁ is a nucleotide sequence of 1 to 12 nucleotides or is ~~absent~~ suppressed, Y₂ is a trinucleotide which encodes for Gly, Y₃ is a nucleotide coding for Arg or Lys, Y₄ is a nucleotide coding for Arg or Lys and Y₅ is a nucleotide sequence, Y₆-Y₇-Y₈-Y₉ wherein Y₆ is a trinucleotide which codes for Ser, Thr or Tyr, Y₇ is a trinucleotide which codes for any amino acid, Y₈ is a trinucleotide which codes for Glu or Asp and Y₉ is a nucleotide sequence of 1 to 12 nucleotides or Y₅ is ~~absent~~ suppressed with the exception of CGACACUCCA CCAUA.

Claim 27 (currently amended)

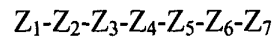
A oligonucleotide of claim 26 wherein Y₁ and Y₉ are ~~absent~~ suppressed.

Claim 28 (previously added)

An oligonucleotide of claim 27 wherein Y₂ is a trinucleotide which codes for Gly, Y₃ is a trinucleotide which codes for Lys, Y₄ is a trinucleotide which codes for Arg and Y₅ is a sequence of 3 trinucleotides which code for Ser-Ala-glu.

Claim 29 (currently amended)

A single-stranded oligonucleotide OZ ~~comprising~~ having 15 to 39 nucleotides and hybridizes under mild ~~or stringent~~ conditions with a consensus signal characteristic of amidated polypeptide hormones with the sequence having the formula



wherein Z_1 is a nucleotide sequence of 1 to 12 nucleotide or is ~~absent~~ suppressed, Z_2 and Z_3 are two trinucleotides which code for Leu, Z_4 and Z_5 are two trinucleotide which code for any two amino acids, Z_6 is a trinucleotide which codes for Leu and Z_7 is a nucleotide sequence of 1 to 12 nucleotides or its ~~absent~~ suppressed.

Claims 30 to 32 (currently cancelled)